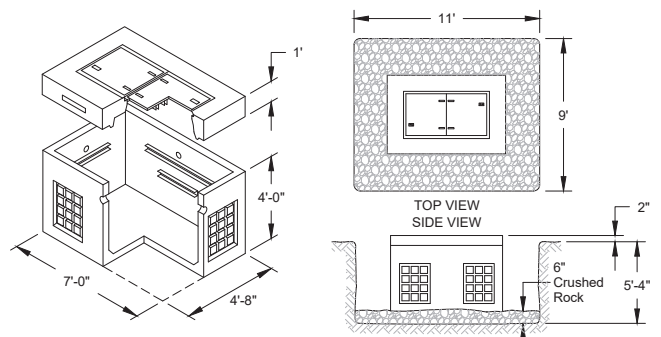
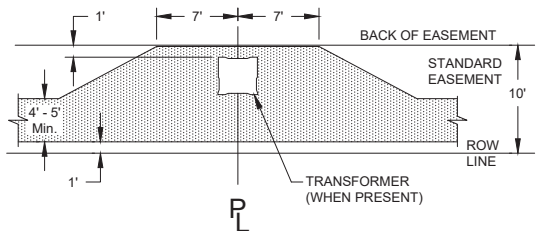


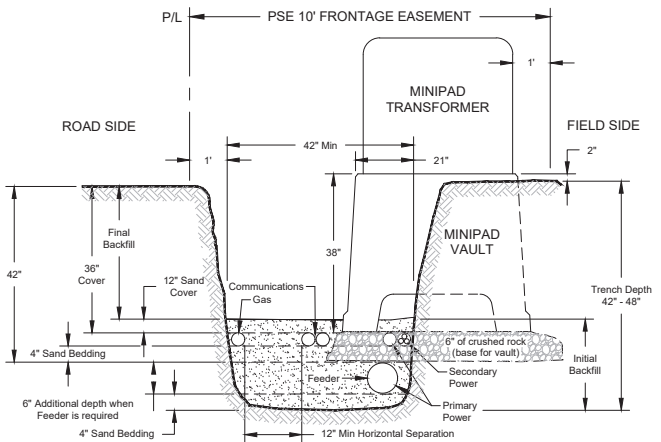
VAULT DETAIL @ V01-V03
NOT TO SCALE



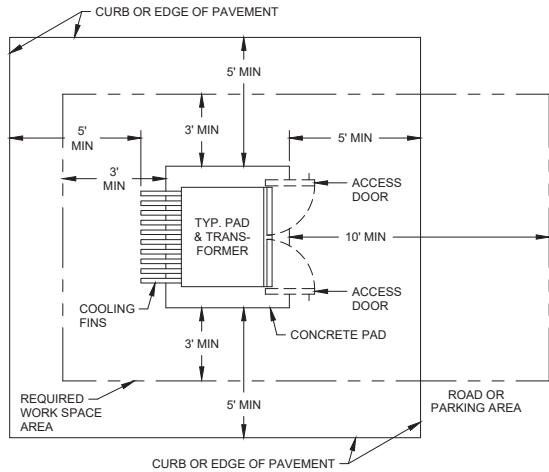
VAULT DETAIL @ J01 & J02
NOT TO SCALE



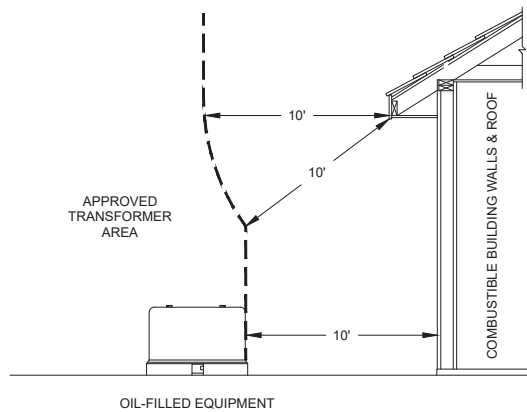
TYPICAL NOTCH-OUT FOR TRANSFORMER, & SECONDARY PEDESTAL/HANDHOLE
NOT TO SCALE



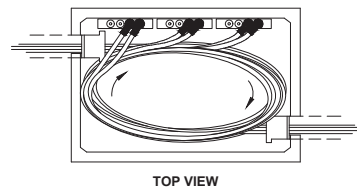
JOINT TRENCH DETAIL
NOT TO SCALE



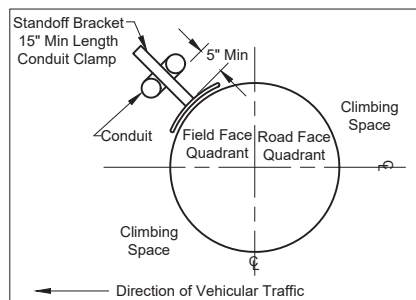
MINIMUM CLEARANCES FOR PSE EQUIPMENT
NOT TO SCALE



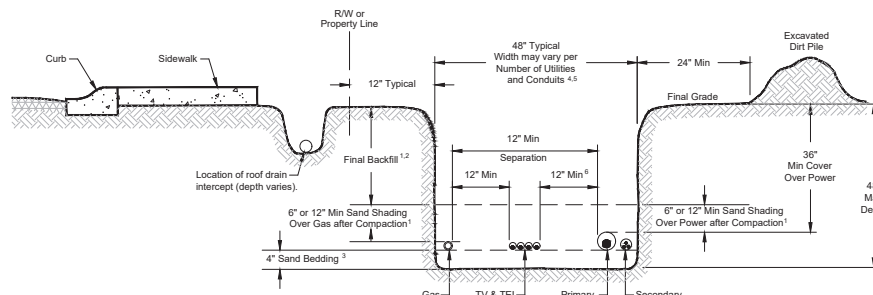
MINIMUM CLEARANCES FOR PSE EQUIPMENT
NOT TO SCALE



J-BX CABLE ENTRY DETAIL
NOT TO SCALE



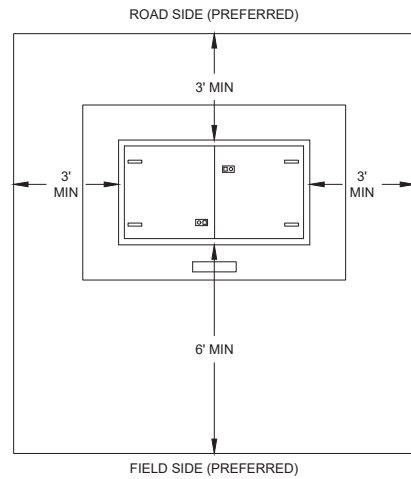
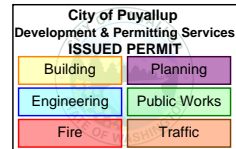
CONDUIT RISER PLACEMENT DETAIL
NOT TO SCALE



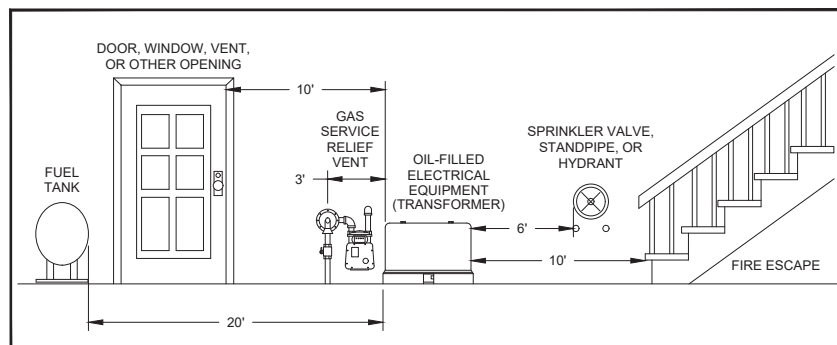
- NOTES:**
1. If the final backfill contains rocks **greater than 8 inches in diameter**, install **12 inches compacted sand shading** across the full width of the trench. *
 2. Rocks **greater than 10 inches diameter** are not permitted in the final backfill.
 3. Sand bedding is required under PSE gas pipe. Bedding is not required for the full width of the trench; it shall extend from the side of the trench nearest to where the gas main/service is installed to a minimum of 6 inches on the opposite side of the gas line.
 4. Utilities shall not be stacked over the gas line in the trench.
 5. If wet utilities will be included in the trench, please contact PSE or local power company directly for clearance requirements.
 6. Reduced clearance of 4 inches between power and communication, must have approval of the communications companies.
- * Alternatives to full-width trench shading require PSE approval.

JOINT TRENCH DETAIL

Primary & Secondary-Mainline Gas & Communications (NTS)



CLEAR WORKING SPACE FOR VAULTS
NOT TO SCALE



MINIMUM CLEARANCES FROM OIL-FILLED EQUIP. TO BLDG. FEATURES
NOT TO SCALE

Oil-Filled Equipment Clearances per PSE Std 0700.1500

If the oil-filled equipment is adjacent to...	Clearance Requirement
Combustible walls or roof (including stucco).	10 FT
Noncombustible walls, soffits, and roofs (including brick, concrete, steel and stone) providing the side of the transformer facing the wall does not have doors. Materials that pass UBC Std. 2-1 or ASTM E136-79 are considered to be noncombustible.	3 FT
Fire sprinkler valves, standpipes, and fire hydrants.	6 FT
Doors, windows, vents, fire escapes, or other building openings.	10 FT
The water's edge of a swimming pool or any body of water.	15 FT
Individual domestic and irrigation wells. Clearance not required on pole mounted transformers (pole placement still applies as stated in 6450.3000). TUT's installed in sealed vaults, 7200V single-phase padmount transformers 50kva or less, and ones with reduced flammability oil.	100 FT
Facilities used to dispense or store LP, hazardous liquids, or fuel.	20 FT
Gas service meter relief vent.	3 FT
Generators, customer-owned transformers, etc.	6 FT

FOREMAN (CHECK BOX WHEN COMPLETED)

☐ PSE Equipment LOCKED/SECURED & Work Area left in CLEAN/SAFE Condition.
☐ Grid, Cable, and Switch numbers INSTALLED & VERIFIED.
☐ Field Changes RED-LINED on As-Built.
☐ Material VERIFIED and CHANGES noted on Paperwork.
☐ Total PRIMARY Cable noted on As-Built.
☐ Company ID#s RECORDED in correct location on As-Built.
☐ Indicate correct FUSE SIZE on As-Built & VERIFY proper PHASE.
☐ Deviations noted on the As-Built and their reason.

☐ I certify that the work performed meets PSE's standards and procedures and that all quality requirements are met.

Foreman's Signature _____ Date _____

Print Name _____

PROJECT PHASE	NOTIF#	ORDER#
PWR	Superior	511795787
	Commercial	N/A
	Relocation	N/A
	Removal	N/A
	Temporary	N/A
	Job Order	N/A
GAS	Distribution	N/A
	Service Stubs	N/A
	HP Svc/MSA	N/A
CABLE TV		
PHONE		

Project Manager Contact Information:

Manager: DON BETTENCOURT
 Cell Phone: 206.445.5958
 E-Mail: don.bettencourt@pse.com

Vicinity Map
 47.1852, -122.2549



GREG.HELLE@ABSHERCO.COM
Owner / Developer Contact Info
 EAST TOWN CROSSING, LLC
 1001 SHAW RD
 PUYALLUP, WA 98372
 ATTN: GREG HELLE 253.845.9544 office

For contacts below dial 1-888-CALL PSE (225-5773)

CALL (800) 424-5555

THIS SKETCH NOT TO BE RELIED UPON FOR EXACT LOCATION OF EXISTING FACILITIES

2 BUSINESS DAYS BEFORE YOU DIG

"Flagging Required"		Yes X	No	REAL ESTATE/EASEMENT		PERMIT	
				REDT # (RW-124805)		PUYALLUP	
3	2	-	-	FUNCTION	CONTACT	PHONE NO	DATE
				PROJECT MGR	D. BETTENCOURT	206.445.5958	
				ENGR - POWER	C. GESTRING	253.234.6394	09.12.22
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A		N/A
COUNTY		Emer Ser	Gas Wk Ctr	POWER Wk CTR	DRAWN BY	A. VASQUEZ	08.26.22
PIERCE		N/A	N/A	QSWPRE	CHECKED BY	R. Weaver	09.22.22
1/4 SEC		OP MAP		PLAT MAP	APPROVED BY	J. Bland	11/22/24
26SE-T20N-R04E		N/A		N/A	FOREMAN #1	425-429-4104	
U-MAP NO (POWER)		OH CKT MAP	UG CKT MAP	CIRCUIT NO	FOREMAN #2		
2004E104		2004E104	2004E104	GAR-16	MAPPING		

UTILITIES	COMCAST	WAVE BROADBAND	RIGHT OF WAY
CONTACT	MATT CRUZAN		MEGAN TUCHE
PHONE#			253.495.1427

INCIDENT	MAOP
N/A	N/A
Gas Order	Elect Order
N/A	105099321
SCALE	PAGE
N/A	1 OF 4

PUGET SOUND ENERGY
 EAST TOWN CROSSING
 30 PRIMARY U/G LINE EXTENSION - 8 M/F BLDGS, 192 UNITS
 P#0420264054; 3104 E PIONEER, PUYALLUP, WA 98372
 DESIGNED BY PUGET SOUND ENERGY

CIRCUIT FEET ADDED: 990'
SCHED. 17 1,000 SQ. FT.
MAX LRC = 75 AMPS
COMM. LRC = 326 AMPS

CIRCUIT LOADING TABLE

CIRCUIT: GAR-16			
AS OF 05.03.22	A PHASE	B PHASE	C PHASE
EXIST. PEAK LOAD	348	298	286
EST. NEW LOAD	34	34	34
TOTAL	382	331	320

City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

BUILDING # MONUMENT
Units: N/A
Sq. Footage: N/A
Panel Size: 100A
Heat Type: ELEC
Est. Demand: 1KW
LRC: N/A
% V. Drop: 3.6 @ V01
% Flicker: 1.9 @ V01

BUILDING # A
Units: 24 + HP
Sq. Footage: 1,000
Panel Size: 1,000A - 100A ea
Heat Type: ELEC
Est. Demand: 94KW
LRC: 75
% V. Drop: 3.6 @ V01
% Flicker: 1.9 @ V01

BUILDING # B
Units: 24 + HP
Sq. Footage: 1,000
Panel Size: 1,000A - 100A ea
Heat Type: ELEC
Est. Demand: 94KW
LRC: 75
% V. Drop: 4.5 @ V02
% Flicker: 0.6 @ V02

BUILDING # C
Units: 24 + HP
Sq. Footage: 1,000
Panel Size: 1,000A - 100A ea
Heat Type: ELEC
Est. Demand: 94KW
LRC: 75
% V. Drop: 4.5 @ V02
% Flicker: 0.6 @ V02

Where a curb exists, the lateral offset of all vertical obstructions shall be a minimum of 1.5' from the face of the curb to the face of the vertical obstruction and a minimum of 3' at intersections. Where no curb exists, the lateral offset of all vertical obstructions shall be a minimum of 4' measured from the edge of pavement to the face of the obstruction.

BUILDING # D
Units: 24 + HP
Sq. Footage: 1,000
Panel Size: 1,000A - 100A ea
Heat Type: ELEC
Est. Demand: 94KW
LRC: 75
% V. Drop: 4.5 @ V03
% Flicker: 0.6 @ V03

BUILDING # E
Units: 24 + HP
Sq. Footage: 1,000
Panel Size: 1,000A - 100A ea
Heat Type: ELEC
Est. Demand: 94KW
LRC: 75
% V. Drop: 3.6 @ V01
% Flicker: 0.6 @ V01

BUILDING # F
Units: 24 + HP
Sq. Footage: 1,000
Panel Size: 1,000A - 100A ea
Heat Type: ELEC
Est. Demand: 95KW
LRC: 75
% V. Drop: 4.5 @ V02
% Flicker: 0.6 @ V02

BUILDING # G
Units: 24 + HP
Sq. Footage: 1,000
Panel Size: 1,000A - 100A ea
Heat Type: ELEC
Est. Demand: 94KW
LRC: 75
% V. Drop: 4.5 @ V03
% Flicker: 0.6 @ V03

BUILDING # H
Units: 24 + HP
Sq. Footage: 1,000
Panel Size: 1,000A - 100A ea
Heat Type: ELEC
Est. Demand: 94KW
LRC: 75
% V. Drop: 4.5 @ V03
% Flicker: 0.6 @ V03

BUILDING # CLUB HOUSE
Units: N/A
Sq. Footage: 3000
Panel Size: 400A
Heat Type: ELEC
Est. Demand: 25KW
LRC: 326
% V. Drop: 3.6 @ V01
% Flicker: 1.9 @ V01

CUSTOMER OWNED AND INSTALLED SECONDARY WIRE TABLE

BLDG.	# OF METERS	SOURCE	# OF RUNS	WIRE SIZE	REMARKS
A	25	V01	4	350KCMIL	-
E	25	V01	4	350KCMIL	-
CLUB HS	1	V01	2	250KCMIL	-
-	1	V01	1	4/0	MONUMENT
B	25	V02	4	350KCMIL	-
C	25	V02	4	350KCMIL	-
F	25	V02	4	350KCMIL	-
D	25	V03	4	350KCMIL	-
G	25	V03	4	350KCMIL	-
H	25	V03	4	350KCMIL	-

ALL CUSTOMER-OWNED WIRE MUST BE INSTALLED ACCORDING TO THIS TABLE

A 10" diameter core drill is allowed for potholing. For pothole windows larger than 10" in diameter or trenching completed in existing roadway, the contractor shall restore the pavement by installing the trench patch and then grinding/overlaying. All roadway restoration and street patches shall comply with City Standard Detail 01.01.20. Restoration limits and requirements shall be at the discretion of the City.

SITE SPECIFIC NOTES

AT P01 (568014-156431) 80' CLASS 1, 1994

- INSTALL 3Ø TERM ON ANOTHER 8-PIN DBL STD 9' FIBERGLASS ARM (ARD2S09)
- W/ LOAD INTERRUPTER C/O & SURGE ARRESTOR (TSU3LTW) 6043.1003
- (4) STIRRUP (2254200)
- (2) ALUM "H" CONNECTOR (2167700)
- (4) FUSE @ 100T (3412700); TAP 3 PHASE
- INSTALL SWITCH # T88044
- INSTALL 4" PRI RISER ON NEW STANDOFF BRACKETS (RIS4CSS) 6042.1000

CROSSING CONDUIT TABLE

X-ING #	LOCATION		POWER			XING LENGTH	ASBUILT LOCATION	TYPE OF CROSSING (Feeder, Primary, Secondary, etc.)
	FROM	TO	SIZE (IN)	TYPE	QTY			
X01	'A'	BLDG. E	4	DB120	1	40	()' ECL	PRIMARY
X02	'B'	'C'	4	DB120	1	40	()' SCL	PRIMARY
X03	'D'	'E'	4	DB120	1	40	()' ECL	PRIMARY
X04	'E'	BLDG. G	4	DB120	1	40	()' SCL	PRIMARY

4" DB120 GREY PVC = 160 FT 4" PVC PLUG /CAPS = 8

Developer Note:

The following Fault Current information **MUST BE** conveyed to the builder of the units:
All units may require upgraded house electrical equipment as the fault current at the meter base may exceed 10,000 amps.

FAULT CURRENT TABLE

3Ø PM TRANSFORMERS (208Y/120V)						
LOCATION	SIZE	R/X	120V WINDINGS		208V WINDINGS	
			MIN. %Z	FAULT CURRENT	MIN. %Z	FAULT CURRENT
V01-V03	225kVA	0.3	-	-	2.10	39,700 AMPS

SITE PLAN
1" = 50'

DEVELOPER RESPONSIBLE FOR CONDUIT/WIRE FROM VAULT TO METER LOCATION (TYPICAL)

For contacts below dial 1-888-CALL PSE (225-5773)

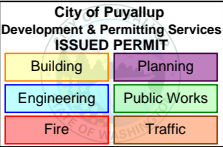
CALL (800) 424-5555

2 BUSINESS DAYS BEFORE YOU DIG

THIS SKETCH NOT TO BE RELIED UPON FOR EXACT LOCATION OF EXISTING FACILITIES

REAL ESTATE/EASEMENT				PERMIT			
REDT # (RW-124805)				PUYALLUP			
3	FUNCTION	CONTACT	PHONE NO	DATE	3	FUNCTION	CONTACT
2	PROJECT MGR	D. BETTENCOURT	206.445.5958		2	PROJECT MGR	D. BETTENCOURT
1	ENGR - POWER	C. GESTRING	253.234.6394	09.12.22	1	ENGR - POWER	C. GESTRING
REV#	DATE	BY	DESCRIPTION		REV#	DATE	BY
COUNTY	PIERCE	Emer Sect	Gas Wk Ctr	POWER WK CTR	COUNTY	PIERCE	Emer Sect
1/4 SEC	26SE-120N-R04E	N/A	PLAT MAP	QSWPRE	1/4 SEC	26SE-120N-R04E	N/A
U-MAP NO (POWER)	2004E104	OH CKT MAP	2004E104	CIRCUIT NO	U-MAP NO (POWER)	2004E104	OH CKT MAP
				GAR-16			
				MAPPING			

JOINT FACILITIES ARRANGEMENTS			
UTILITIES	COMCAST	WAVE BROADBAND	RIGHT OF WAY
CONTACT	MATT CRUZAN		MEGAN TUCHE
PHONE#			253.495.1427
DESIGNED BY PUGET SOUND ENERGY			
EAST TOWN CROSSING			
3Ø PRIMARY U/G LINE EXTENSION - 8 M/F BLDGS, 192 UNITS			
P#04020264054; 3104 E PIONEER, PUYALLUP, WA 98372			
SCALE 1" = 50'			
PAGE 2 OF 4			



SITE #	GRID #	VAULT SIZE & COVER	TYPE & SIZE EQUIPMENT IN VAULT	PRIMARY BUSHINGS		TRANSFORMER ID NUMBERS (COMPANY ID)	AS-BUILT INFORMATION
				LB	DC		FOREMAN: INCLUDE PHASE TAPPED
V01	568001 156416	4'8"x4'8"x4" w/20"x44" Hole Matid: 7663900	225KVA PM TRF 120/208 Matid: 6258150	3	-		PM3P15S 6045.5000 CONNECTORS (7651002)x12 MOUNTING (7651008) x36
V02	567971 156397	4'8"x4'8"x4" w/20"x44" Hole Matid: 7663900	225KVA PM TRF 120/208 Matid: 6258150	3	-		PM3P15S 6045.5000 CONNECTORS (7651002)x12 MOUNTING (7651008) x36
V03	567957 156389	4'8"x4'8"x4" w/20"x44" Hole Matid: 7663900	225KVA PM TRF 120/208 Matid: 6258150	3	-		PM3P15S 6045.5000 CONNECTORS (7651002)x12 MOUNTING (7651008) x36
J01	568003 156417	4'8"x7"x5" w/2-3" Sq Doors Matid: 7663200	J-Box Below Grade w/4-Pos J-Bus Matid: 7625900 x3	9	3		JBOX15L 6055.1030 3Ø ELB10J 6041.1000 CAP (7630600)
J02	567973 156397	4'8"x7"x5" w/2-3" Sq Doors Matid: 7663200	J-Box Below Grade w/4-Pos J-Bus Matid: 7625900 x3	9	3		JBOX15L 6055.1030 3Ø ELB10J 6041.1000 CAP (7630600)

LOCATION		CONDUIT								CABLE				ASBUILT INFORMATION - FOREMAN COMPLETE									
FROM	TO	SIZE (IN)	QTY.	DESIGN LENGTH (FT)	BENDS				PULL (LBS)	PULL REV (LBS)	CABLE SIZE	DESIGN LENGTH (FT)	PHASE - ID TAG			RECORD			RECORD PHASE TAPPED & ACTUAL FOOTAGE INSTALLED			LUBRICANT (Gal.)	
					90°	45°	22°	11°					A	B	C	MANUFACTURER	COMPOUND	YEAR	NOTES	CONDUIT	CABLE	EST.	ACTUAL
P01	J01	4	1	165	1	2	-	-	165	502	1/0 AL JKT	270	EJL550	EJL551	EJL552				-			1.9	
J01	V01	4	1	15	1	-	-	-	112	112	1/0 AL JKT	55	EJL553	EJL554	EJL555				-			0.4	
J01	E01	4	1	230	2	-	-	-	CONDUIT ONLY				-	-	-				2-36			-	
J01	J02	4	1	480	3	-	-	-	400	420	1/0 AL JKT	520	EJL556	EJL557	EJL558				-			3.6	
J02	V02	4	1	15	-	-	-	-	116	116	1/0 AL JKT	45	EJL559	EJL560	EJL561				-			0.3	
J02	V03	4	1	155	1	-	-	-	318	292	1/0 AL JKT	265	EJL562	EJL563	EJL564				-			1.9	



City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building

Planning

Engineering

Public Works

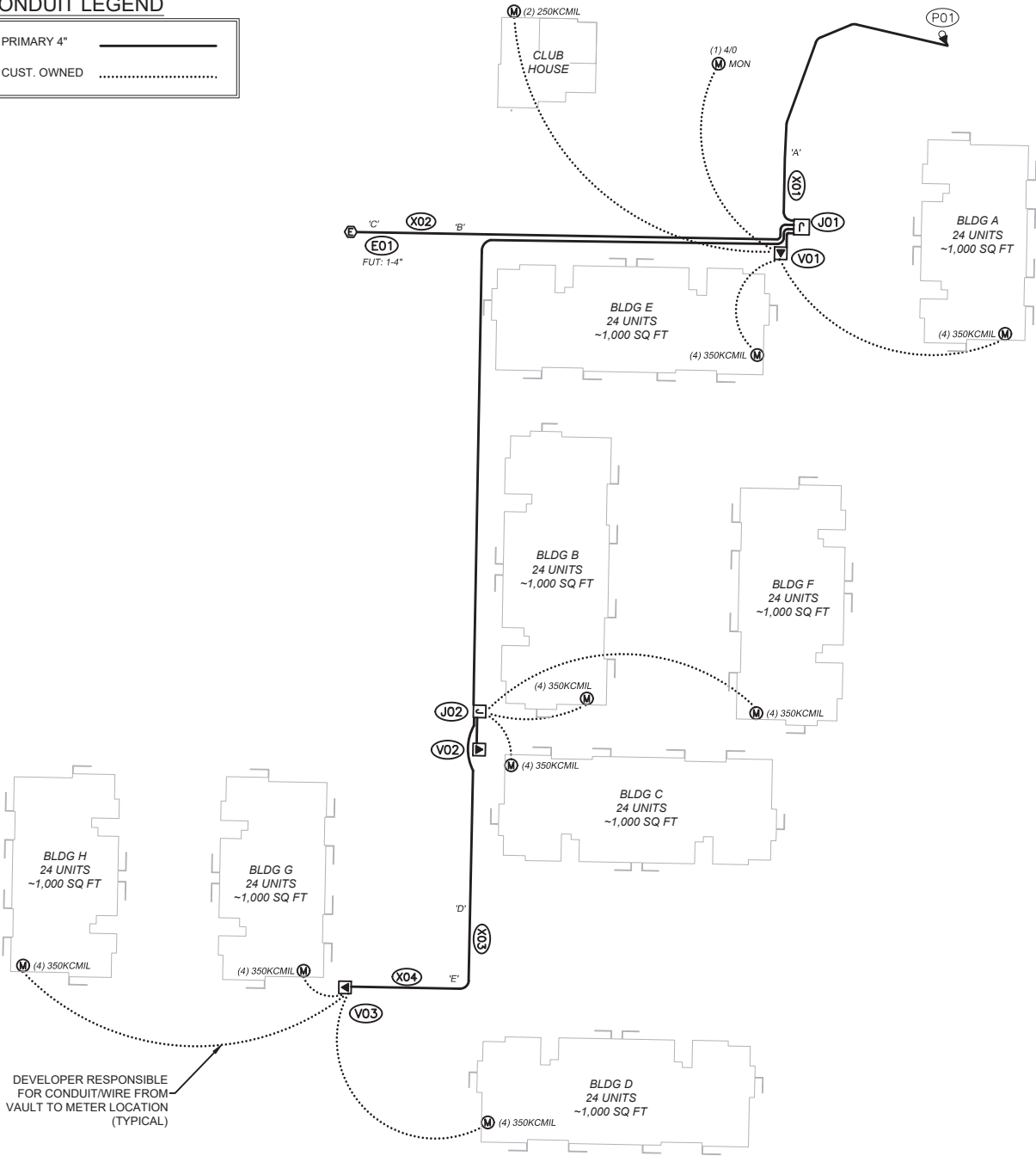
Fire

Traffic

CONDUIT LEGEND

PRIMARY 4"

CUST. OWNED



NEW CONDUIT DIAGRAM
NOT TO SCALE

For contacts below dial 1-888-CALL PSE (225-5773)

CALL (800) 424-5555
2 BUSINESS DAYS BEFORE YOU DIG

THIS SKETCH NOT TO BE RELIED UPON FOR EXACT LOCATION OF EXISTING FACILITIES

REAL ESTATE/EASEMENT					PERMIT		
REDT # (RW-124805)					PUYALLUP		
3				FUNCTION	CONTACT	PHONE NO	DATE
2				PROJECT MGR	D. BETTENCOURT	206.445.5958	
1	10.31.24	C. GESTRING	VAULT RELO PER CUST REQ	ENGR - POWER	C. GESTRING	253.234.6394	09.12.22
REV#	DATE	BY	DESCRIPTION	ENGR - GAS	N/A		N/A
COUNTY	PIERCE	Emer Sect N/A	Gas Wk Ctr N/A	POWER WK CTR QSIWPRE	DRAWN BY A. VASQUEZ		08.26.22
1/4 SEC	26SE-T20N-R04E	OP MAP N/A	PLAT MAP N/A	CHECKED BY <i>R. Wray</i>		425-429-4104	09.22.22
U-MAP NO (POWER)	2004E104	OH CKT MAP 2004E104	UG CKT MAP 2004E104	CIRCUIT NO GAR-16	FOREMAN #1		11/22/24
					FOREMAN #2		
					MAPPING		
JOINT FACILITIES ARRANGEMENTS							
UTILITIES		COMCAST		WAVE BROADBAND		RIGHT OF WAY	
CONTACT		MATT CRUZAN				MEGAN TUCHE	
PHONE#				253.495.1427			
<div><div>PSI</div><div>PUGET SOUND ENERGY</div></div>				EAST TOWN CROSSING			
				30' PRIMARY U/G LINE EXTENSION - 8 M/F BLDGS, 192 UNITS			
				P#0420264054; 3104 E PIONEER, PUYALLUP, WA 98372			
				DESIGNED BY PUGET SOUND ENERGY			
				R1	INCIDENT N/A	MAOP N/A	
					Gas Order N/A	Elect Order 105099321	
					SCALE N/A	PAGE 4 OF 4	